

Dominik, T. & R. Pachlewski

Badanie mykotrofizmu zespolow sosnowych w Lebie nad
Balt. kiem. Rocz. Dendrol. Polsk, Tow. Bot., Warsaw,
10, 1955. pp. 53-96.

*PL 480
OTS 61-11331

1961

in the Lower Timber Zone of the Tatra, by T. Dominiak,
R. Pachlewski, 20 pp.

POLISH, per, Acta Societatis Botanicorum Poloniae,
Vol XXV, No 1, 1956, pp 3-26. 9095089

OTS 60-21384
PL-180

Sci - Biol

Jan 62

178,675

Dominik, T.

Badania mykotrofizmu zespolow buka nad Baltykiem.

POLISH, per, Ekologia Polska, 5A (7), 1957. pp. 213-256²⁻⁶

*PL 480

OTS 61-11329

1961

Preliminary Comparative Study of Mycorrhizae
of Pinus Strobus L. in America and Europe,
by T. Dominik, H. Ferchau, 8 pp.

~~RUSSIA~~

POLISH, per, Prace Instytutu Badawczego
Lesnictwa, No 177-182, 1958, pp 85-99.

OTS 60-21227
PL-480

Sci

Jun 64

260,891

Experiments in Transplantation of Soil
Microbiocoenoses From Pine Stands Into
Agricultural Soils, by T. Dominik, 27 pp.

POLISH, per, Prace Instytutu Badawczego
Lesnictwa, No 177-182, 1958, pp 5-43.

OTS 60-21227
PL-480

Sci
Jun 64

260,889

T. Dominik

Studia Nad Mikotrofizmem Drzew Lasnych - No. 177.

POLISH, bk, Einimpfungsversuche der Bodenmikrobocoenose
aus Kiefernbestanden auf Ackerboden Contributions
(Prace) of the Instytutu Badawczego Lesnictwa, Warsaw,
1958, pp 5-14.

*PL 480

OTS 60-21227

1961

Dominik, T.

Studia Nad Mikotrofizmem Drzew Lasnych - No. 180

Beitrag zur Kenntnis des Mykotrophismus von Pinus
banksiana Lambert in den Waldbestanden, Contributions
(Prace) of the Instytutu Badawczego Lesnictwa, Warsaw,
1958. pp 101-116.

*PL 480

OTS 60-21227

1961

Contribution to the Knowledge of Mycotrophy
of Pinus Banksiana Lambert in Forest Stands,
by T. Dominik, 8 pp.

RPOLISH, per, Prace Instytutu Badawczego
Lesnictwa, No 177-182, 1958, pp 101-116.

OTS 60-21227
PL-480

Sci
Jun 64

260,892

Study on Mycotrophy of Genus Populus,
by T. Dominik, 37 pp.

~~RUSSIAN~~

POLISH, per, Prace Instytutu Badawczego
Lesnictwa, No 177-182, 1958, pp 117-172.

OTS 60-21227
PL-480

Sci
Jun 64

260,893

Development Dynamics of Mycorrhizae Formed by *Pinus*
Silvestris and *Boletus Luteus* in Arable Soils, by T.
Dominik, 19 pp.

POLISH, per, Szczecinskie Towarzystwo Naukowe. Wydział
Nauk Przyrodniczo-Rolniczych, Prace (Poland), Vol 1,
1959, pp 1-17.

CFSTI TT-65-50332

313,239

Sci - Biology
Oct 66

41
Studies on the Mycotrophy of Plant Associations
of the "Taborz Pine" Reservation in Taborz. by
T. Dominik and H. Wojciechowska.
POLISH, part. Prace Instytutu Badawczego Leśnictwa.
No 228, 1961, pp 39-55.
CPSTI IT 67-56024

Sci-Agr
Apr 68

352.234

J. Dominik

Investigations on the Mycotrophy of the Spruce -
Picea Excelsa (Lam.) Lk. in Poland, by 36
Tadeusz Dominik.

POLISH, per, Prace Instytutu Badawczego
Leśnictwa, No 209, 1961, pp 59-102.

CFSTI TT-65-50356

Tadeusz Dominik

Sci/Agri
Sep 67

339,575

Investigation into Mycotrophy in the Pine
Association, Starchanin Forest District,
by T. Dominik, T. Hadoj.
POLISH, FOR, Prace Instytutu Badawczego
Leśnictwa, No 250, 1965, pp 61-69.
COSTA TT 65-50357

61

Sci - 471
Oct 66

Dominik, T.

308,491

60-21485

Domink, Tadeusz.
OBSERVATIONS AND CONSIDERATIONS ON THE
DUTCH ELM DISEASE CAUSED BY GRAPHIUM
ULMI SCHWARZ (Spotrezenia i Rozwazania nad
Holenderska Choroba Wiazow Powodowana Przez
Graphium Ulmi Schwarz) tr. by S. Lukomski. 1961
[6p. PL-480 Agr.
Order from OTS \$0.50

60-21485

Trans. of [Roczniki Nauk Rolniczych] (Poland) 1937,
v. 38, [no. 1] p. 134-143.

DESCRIPTORS: *Trees, *Diseases, Plants, *Fungi,
Mutations, Fungus infections.

- I. Title: Dutch Elm Disease
- I. Domink, T.
- II. PL-480 Agr (60-21485)
- III. National Science Foundation,
Washington, D. C.

197128

(Agriculture--Plant Cultivation, TT, v. 7, no. 7)

Office of Technical Services

38
The Larch in the Czerniejewo Forests Near
Gaiorno and the Developmental Dynamics of
Its Mycorrhizae, by Tadeusz Dominik,
POLISH, per, Acta Societatis Botanicorum
Poloniae, Vol II, No 1, 1950, pp 305-330.
CPSTI TT 65-50354

Tadeusz Dominik

Sci-Agri
Feb 67

318,054

64
Mycorrhiza, by Tadeusz Dominik,
POLISH, bk, Mycorrhiza, 1951, 63 pp.
CFSTI FT 65-50355

Tadeusz Dominik

Sci-86N
Mar 67

120,222

28

Investigation on the Mystery of Pino Arlacchini
in Latin America, by Theodore Donaldson.
London: Pindar, 1977.
100 pp.
POLEON, J. R., **Donatello Donatello**
Donatello Donatello, Vol. II, 1977.
100 pp.
100 pp.
100 pp.

Don - Don & Don Don
Don Don

Don, Don

Tentative Proposal for a New Classification Scheme of
Ecotrophic Mycorrhizae Established on Morphological
and Anatomical Characteristics, by Tadeusz Dominik,
17 pp.

POLISH, per, Roczniki Nauk Lesnych, Vol XIV, 1956,
pp 223-245. 9087248

OTS 60-21383
PL-480

Sci - Biol

201, 165

Jun 62

Dominiak, Tadeusz.

MYCOTROPHY OF POPLARS IN THEIR NATURAL ASSOCIATIONS IN POLAND (Mikotrofizm Topol w ich Naturalnych Zespolach na Terenie Polski) tr. by A. Wierzbińska. 1961 [16]p. 12 refs. PL-480 Agr. Order from OTS \$0.50

60-21382

Trans. of Roczniki Nauk Lesnych (Poland) 1956, v. 14, p. 247-266.

DESCRIPTORS: *Trees, Growth, Ecology, *Fungi, Nitrogen, Soils, Seeds, Spores, Climatic factors.

Investigations were carried out on the Odra River between Wrocław and Opatowice, on the Vistula River between Włocławek and Toruń, and on the rubbles and ruins of the central part of Wrocław. A succession of various infections seems a natural phenomenon with poplars in the natural state of growth and under con-
Agricultural - Plant Cultivation. TT, v. 7, no. 9, 1961.

60-21382

I. Title: Symbiosis

1. Dominiak, T.

II. HL-480 Agr (60-21382)

III. National Science Foundation, Washington, D. C.

AEC 4149

207883

Office of Technical Services

Investigations on the Mycetozoa of Beach Associations
on the Baltic Coast, by Tadeusz Dominik.
POLISH, per, Ekologia Polska, Seria A, Vol 5, No 7,
1957, pp 213-234.
OTS 61-11339

Tadeusz Dominik

Sci/Benth Sci
May 65

279,495

Journalism Dynamics of Psychological Forces
by Maria Silvestris and Suleiman Liscov in
Arabic World, by Tadeusz Gosciniak, 3 pp.
POLSKA, per, Prace Socjologiczne i Turystyczne
Wydawnictwo, Vol 1, No 1, 1959, pp 1-17.
CISMI TEL 65-50352

Dominika Sadkiewicz

Sci - April

Aug 66

308,374

Investigations on the Mycotrophy of Plant Associations in the Pieniny National Park and on Mt. Skalka Above Iysa Polana (Clearing) in the Tatra, with Special Reference to the Mycotrophy of Relict Pines, by Tadeusz Dominik, 18 pp.

POLISH, per, Prace Instytutu Badawczego Leśnictwa, No 208, 1961, pp 31-58.

CISTI T1 66-57054

Tadeusz Dominik

Sci - BEM
Apr 67

324,156

An Attempt at Natural Isolation of Mycorrhizal 6/
Fungi From Arable Soils and Barrens in the
Environments of Szczecin, by Tadeusz Dominik.
POLISH, per, Prace Instytutu Badawczego Leśnictwa,
No 227, 1961, pp 5-37.
CFSTI TT 66-57019

Tadeusz Dominik

Sci/Agri
Jul 67

131,341

Experiments with Inoculation of Agricultural
Land with Microbial Cenosis from Forest Soils. 32
by Tadeusz Dominik,
POLISH, per, Prace Instytutu Badawczego Les-
nictwa, No 210, 1961, pp 103-167.
CFSTI TT 65-50551

Tadeusz Dominik

Sci-Agri
Nov 66

313,933

Investigations on Mycorrhizal Fungi in Dying
Forest Stands on Arable Soils, by Tadeusz Dominik.
POLISH, per, Prace Instytutu Badawczego Leśnictwa,
No 257, 1963, pp 3-27
CPSTI TT 66-57020

Tadeusz Dominik

Sci/844
Jul 67

331,342

Occurrence of Douglas Fir in Various Polish
Stands, by Tadeusz Dominik,
POLSKI, por. Prace Instytutu Badawczego Les-
nictwa, No 258, 1963, pp 29-39.
CFSTI TT 65-50353

32

Tadeusz Dominik

Sci-BEN or Agri
NOV 66

313,932

Mercuric and Halogen Derivatives of 2-Phenyl-
Cinchoninic Acid, by M. Dominikiewicz, 2 pp.

POLISH, par, Roczniki Chem, Vol XI, pp 664-669, 1931.

SIA 3274

Sci - Chem
Aug 58

70.521

Facies of Phosporite Deposits in the Siberian
Platform by V. N. Dominikovskiy, V. I. Dragunov.
RUSSIAN, per, Sovetskaya Geologiya,
Vol V, No 9, 1962, pp 113-121.
AGI

V. N. Dominikovskiy

Jun 67

327, 253

Determination of Small Amounts of Zinc and
Cadmium in Biological Material, by A. Klewska,
M. Dominik-Strycharska, 10 pp.

POLISH, per, Acta Poloniae Pharmaceutica, Vol XX,
No 6, 1963.

OTS 63-11412/6
SFCSI

Sci
Jan 65

272,592

New Developments in the Manufacture of Tubes
of Plastic Materials, by H. Dornmuthaus, H.
O. Schickel, 28pp
FABRIK, per, Industrie des Plastiques Moderne,
Vol 12, 1960, No 6, pp 18-20, 15-1
SEA 72-67-10056

M. Dornmuthaus

Sci - Nat
July 67

330,823

61-27466

Dominioni, Luigi Caccia

**WALL ARRANGEMENT COMPRIZING DIVERSELY
COMBINABLE SOLID AND HOLLOW ELEMENTS**[Sistema di Parete a Elementi Pieni e Forati Diver-
samente Combinabili Fra Loro] tr. by P. C. C.

5 July 61, 8p. (4 figs. omitted)

Order from OTS or SLA \$1.10

61-27466

Trans. of Italian patent 536,353, cl. XIII, appl.
15 June 55, granted 1 Dec 55, printed May 58.

DESCRIPTORS: *Walls, *Structures, Design

The object of the present invention is an arrangement
comprizing solid and hollow elements which may be
combined in different manners to form thin walls or
facings for walls made of other materials. The ele-
ments characterizing the arrangement in question are
(Engineering--Civil, TT, v. 6, no. 9) (over)

- I. Dominioni, L. C.
- II. Patent (Italy) 536 353
- III. Patent Office,
Washington, D. C.

Office of Technical Services

Recent Researches on the Form of the Mean Lunar
Profile, by J. Domingest.

FRENCH, rpt, Communications of L'Observatoire
Royal de Belgique, Brussels, Issue 208,
1962, pp 1-11.

NTIC

Sci - Earth Sci
Apr 63

226,816

The Effects of the Irregularities of the Lunar
Profile on the Determination of the Times of
External Contacts During a Solar Eclipse, by
J. Donnay.

FRENCH, rpt, Communications of L'Obser-
vatoire Royal de Belgique, Brussels, ~~XXXXXX~~
Issue 200, 1962.

ADIC

Sci - Earth Sci
Apr 63

226,813

Arranged Linear and Circular Dichroism by the Method
of Least Squares, by J. Denon, M. Pt.
FABRICK, par, Annales de l'Observatoire Royal de
Belgique, Ser 3, Vol VII, No 1, 1951, pp 67-91.

ACS

TS-719

241 - 2000

Dec 61

200,766

J. Dommanget

Recent Findings About the Shape of the Mean
Lunar Profile, by J. Dommanget:

EUROPEAN, per, Observatoire R. de Belgique.

Communications, No 208, 1964, pp 1-11

NTC 71-15553-03B

Feb 72

Solar Eclipse of February 15, 1961.
Utilization of Photographic Observations of the
Last Contact Made by M. S. Roland in KING
Laigueglia (Italy), by J. Donnay.

FRANCE, rpt, Communications of L'Observatoire
Royal de Belgique, Brussels, IRE Issue 200,
1962.

ACR

Sci - Earth Sci & Astron

226,814

Apr 63

Economic Factors in Telephony, by F. J. Dommerque, 21 pp.

GERMAN, ^{Feb} Z. Fernmeldetech, Vol V, Oct 16, 1924, p 93.

SLA 57-1484

Scientific -

63,395

(SF-1850)

An Officer's First Miles, by E. ~~Samoy~~
Donnich, V. Trikhmanenko, 3 pp.

RUSSIAN, np, Krasnaya Zvezda, 29 Jul 1961,
p 3.

JPRS 12801

From USSR
Mil
Mar 62

187,683

THE CHURCH AND THE COMMUNIST, BY IL. DUBOCH,
7 PP.

REDACTED, FOR, FROM 1 RELIGION, NO 3, APR 63,
PP 34-35.

JTB 1952

REDACTED
REDACTED
JTB 63

JTB, 63

(SF-1876)

TRADE UNIONS OF THE "HOLY THRONE", BY
M. DOMNICH, 6 PP.

RUSSIAN, PER, NAUKA I RELIGIYA, NO 1, 1962,
PP 45-48.

JPRS 14135

USSR
SOC
JUN 62

199,974

Investigations in the Field of Polymethylene
Rings. (XXXVI). On the Question of the
Formation of a Seven-Membered Ring Containing
a Triple Bond-Cycloheptyne, by N. A. Domnin,
R. Ch. Kolinskiy, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI,
No 6, 1961, pp 1799-1805.

CF

Sci

201,868

Jun 62

Investigations in the Field of Polymethylene Rings.
XXXVII. Conversions of Polyhalogeno-Substituted
Derivatives of Cyclopentane, by H. A. Dommin,
N. V. Obeshchalova, et al, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 8,
1961, pp 2768-2773.

CB

205,299

Sci
Jul 62

Polymethylene Cycles. XXXIII. Reaction of
Dibenzosuberone-6,7-Dione with Hydrazine, by
N. A. Domnin, R. Ch. Kolinakiy, 5 pp.

RUSSIAN, per, Zhur Obshch, Vol XX, No 1, 1960,
pp 270-274.

CB

Sol

Feb 61

144,136

Investigations in the Field of Polymethylene
Rings. XXX. Reaction of Diacetyl and Dibenzoyl
with Dimethylhydrazine, & by N. A. Domin, V. I.
Diurnbaum, V. A. Cherkasova, 8 pp.

RUSSIAN, per, Zhur Obshchei Khim, Vol XXVIII,
No 6, 1958, pp 1469-1476.

Consultants Bureau

Sci - Chem
Sep 59

95, 760

Studies in the Field of Polymethylene Rings.
XXXI. The Reaction of 1-Chloro-1,2-dibromo-
cyclohexane with Quinoline, by N. A. Dornin,
V. A. Cherkasova, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 8,
1958, pp 2064-2067.

CB

Sci - Chem
Oct 59

99,062

Investigations on Polymethylene Rings. XXXIII.
Transformations of Cyclohexene in Conjugated
Halogenations and Dehalogenations, by N. A.
Domnin, V. A. Cherkasova, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 9,
1958, pp 2334-2338.

CB

Sci - Chem
Oct 59

100,071

63-14826

Domnin, N. A.
INVESTIGATIONS IN THE FIELD OF UNSATURATED
CYCLIC HYDROCARBONS AND THEIR HALOGEN
DERIVATIVES. VII. CONVERSION OF HALOGEN
DERIVATIVES OF CYCLOHEXANE INTO AROMATIC
DERIVATIVES. [1963] [13]p. 4 refs.
Order from OTS or SLA \$1.60 63-14826

I. Domnin, N. A.
II. Title: Conversion ...

Trans. of [Zhurnal Obshchei Khimii] (USSR) 1966,
v. 16, no. 10, p. 1729-1736.

A247564

DESCRIPTORS: *Cyclohexane derivatives, Halides,
*Bromides, Cyclohexanes, *Benzenes, *Cyclohexenes,
*Cyclohexadienes, Synthesis (Chemistry), Bromine,
Quinolines, Alcohols, Salts.

It is shown that (1) three products are formed in the
process of combining molecular bromine with
1,2-dibromocyclohexene-1, namely: 1,1,2,2-tetra-
(Chemistry--Organic, TT, v. 10, no. 7) (over)

Office of Technical Services

Investigations in the Field of Unsaturated Cyclic
Hydrocarbons and Their Derivatives. XXII. The Problem o
the Steric Structure of Bicyclo-(0, 2, 2)-Hexane, by
N. A. Damin, 2 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 8,
1956, pp 2200.

Consultants Bureau

Sci - Chem

56,516

Dec 57

Unsaturated Cyclic Hydrocarbons and Their
Derivatives. XX. Transformation of Methylcyclo-
hexenes and Methylcyclohexadienes Into Dinitrotoluenes
Under the Action of Nitrating Mixture, by N. A. Domnin
V. A. Cherkasova, 2 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVI, No 6, Jun
1956, pp 1616-1617.

Consultants Bureau

Sci - Chemistry
Jul 57

49,681

Fundamental Trends and Results of the Development of
Chemistry in the USSR in the Last Forty Years, by
N. A. Dainin, 15 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 10,
1957, pp 2609-2628.

Consultants Bureau

Sci - Chem
Jan 59

78,941

(SECRET)

The Development of Works of A. El. Zavorskiy in the
Area of Polymethylene Rings, by N. A. Domin, R. Ch.
Kolinskiy, V. A. Cherkasova, 62 pp.

RUSSIAN, bk, Voprosy Teorii Stroeniya Organicheskikh
Soedineniy, 1960, pp 68-125.

JPRS 11959

Sci - Chem

Feb 62

184,761

Polymethylene Rings. XXXIV. Absorption Spectra of
Hydrazones of Dibenzosuberonedione-6,7 and Benzil,
by H. A. Domin, E. Ch. Kolinsky, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XX, No 3, 1960,
pp 799-804.

CB

Sci -
Apr 61

147,562

(1860-1945) (On the Hundredth Anniversary of His
Birth) A. E. Favorskiy, by N. A. Domnin, 11 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 3, 1960,
pp 705-716.

CE

Sci -
Apr 61

147,547

Investigations in the Field of Polymethylene Rings.
XXVIII. Investigation of the Reaction Products of
Acetylacetone With Hydrazine, by N. A. ~~XXXXXX~~
Domina, N. E. Zelenina, N. S. Glebovskaya, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 8,
1957, pp 2088-2092.

Consultants Bureau

Sci - Chem
Oct 58

74,328

Investigation in the Field of Unsaturated
Cyclic Hydrocarbons and Their Halogen Derivatives.

XV. Reaction of Metallic Sodium With 1,4-
Dibromocyclohexene-2., by N. A. Domin, A. S.
Beletskaya, 3 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV, No 9,
Sep 1954, pp 1636-1638. CIA C 42159.

Consultants Bureau

Sol - Chemistry

35,180

Jun 1956/Dex

Investigations in the Field of Polycondensation
Chem. Synthesis of Cyclohexanedione-1,2 and
ketonedione-2,3 Kihydrazones, by N. A. Domnin, S. A.
Sakova, R. Ch. Kolinskiy, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 8, 1960,
pp 2480-2483.

CB

168,823

Sci

3ep 61

Unsaturated Cyclic Hydrocarbons and Their Derivatives.

**XXI. The Reaction of 1-Methyl-3,4-Dibromocyclohexane
With Quinoline, by N. A. Damin, V. A. Cherkasova,
4 pp.**

**RUSSIAN, per, Zhur Obshch Khim, Vol XXVI, No 6,
Jun 1956, pp 1618-1620.**

Consultants Bureau

**Sci - Chemistry
Jul 57**

49,683

Polyethylene Cycles. XXIII. Synthesis and Transformations of the Dihydrazones of Cyclohexane- and Cyclopentanediones, by H. A. Domin, H. S. Glebovskaya, 10 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 3, 1957, pp 656-664.

Consultants Bureau

Sci - Chem
Aug 58

69, 175

Polymethylene Cycles. XXIV. Reaction of
Cyclopentane- and Cyclohexanedicarboxylic acids with Dimethyl-
hydrazine, by N. A. Dombin, N. B. Glebovskaya,
4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 3,
1957, pp 665-667.

Consultants Bureau

Sci - Chem
Aug 58

69, 176

Unsaturated Cyclic Hydrocarbons and Their Halogen
Derivatives. XVI. Action of Metallic Sodium on
2,3-Dibromo-1,3-cyclohexadiene, by H. A. Dornin,
G. K. Krasilnikova, V. A. Cherkasova, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV, No 10,
1954, pp 1842-1844. CIA C 42157

Consultants Bureau

Sci - Chemistry

35,199

Jun 1956/dex

Investigations in the Field of Unsaturated Cyclic
Hydrocarbons and Their Halogen Derivatives. XVIII.
Synthesis and Study of 1,4-Dibromocyclohexane-2,
by N. A. Bank-Domin, H. S. Shutova, K. M. Belyaeva,
4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XIV, No 8,
Aug 1955, pp 1492-1495. CIA C 42156.

Consultants Bureau

Sci - Chemistry

35,106

Jun 1956/Dex

Investigations in the Field of Unsaturated Cyclo
Hydrocarbons and Their Halogen Derivatives. XVII.
Cyclooctyne, by N. A. Dommn, T. D. Malysheva, 2 pp.

Full translation.

RUSSIAN, no per Zhurn Obshch Khim, Vol XXV, No 2,
1955, pp 329-330. CIA D 151348

Consultants Bureau

Scientific - Chemistry

25,403

Unsaturated Cyclic Hydrocarbons and Their Derivatives.
XIX. Synthesis of 1,2,2-Tribromocyclohexane and its
Reaction With Quinoline, by N. A. Domin, M. A.
Larionova, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 5,
May 1956, pp 1398-1399.

(Consultants Bureau

Sci - Chemistry
May 57

447,301

Unsaturated Cyclic Hydrocarbons and Their Halogen Derivatives. XIII. The Mechanism of Conjugated Halogenation and Dehalogenation, by H. A. Domina, V. A. Cherkasova, 5 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII, No 10, USSR, Oct 1953, pp 1731-1735. CIA D 15102

Consultants Bureau

Scientific - Chemistry

CTS 64/Jan 55

20,582

Research on Unsaturated Cyclic Hydrocarbons and
Their Halogen Derivatives. XII. The Mechanism of
the Reactions of Conjugated Halogenation and Dehalo-
genation, by N. A. Domain and V. A. Cherkasova, 2 pp.

Full translation

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 5,
May 1952, pp 897. CIA D 182347

Consultants Bureau

Sci - Chem

7424

Dec 53 CTS

Investigations in the Field of Polymethylene
Rings. LXVI. Reactions and Reaction Products
of 1,3-Cyclohexanedione, Dimedone and Acetyl-
acetone with Hydrazine and Dimethylhydrazine,
by N. A. Kozmin, Van Syul-kun and N. S. Glo-
bovskaya, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No
6, 1957, pp 1512-1515.

Consultants Bureau

Sci - Chem -- Sep 58

Sep 58

72, 9/6

Investigations in the Field of Polymethylene
Rings. XXVII. Reactions and Reaction Products
of 1,2-Cyclohexanedione and Acetylacetone
with Hydrazine and Dimethylhydrazine, by N.
A. Doronin, M. H. Zelenina and N. S. Ele-
bovskaya, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No
6, 1957, pp 1516, 1517.

Consultants Bureau

Sci - Chem
Sep 58

72,917

✓
Investigation of Unsaturated Cyclic Hydrocarbons
and Their Halogen Derivatives. XIV. Formation of
Bromobenzene by Reaction of Molecular Bromine
with 1,2-Dibromocyclohexene-1, by N. A. Dominin,
A. S. Beletskaya, 2 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV,
No 6, Jun 1954, pp 1017-1018. CIA C 40406

Consultants Bureau

Scientific - Chemistry

Jan 56 CTS/DEX

30,170

Researches on Unsaturated Cyclic Hydrocarbons and
Their Halogen Derivatives, H. A. Domin, L. I. Ukhova.

The Journal of General Chemistry of the USSR, Vol XXI,
No 3, Mar 1951, pp ~~577-580~~ (Russ p 522).

CIA D 182338 522-525

Consultants Bureau
New York

USSR

A-1794

Unsaturated Cyclic Hydrocarbons and their
Halogenated Derivatives. XXV. Interaction of
Methylcyclohexadiene-1,3 with Hexabromoethane
and Quinoline, by N. A. Dornin and V. A. Chor-
Kanova, 2 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No
5, 1957, p 1214.

Consultants Bureau

Sci - Chem
Sep 58

72,856

Research on Unsaturated Cyclic Hydrocarbons and Their
Halogen Derivogenation Reactions, by N. A. Dominin,
V. A. Cherkasova, S. N. Andreev, 6 pp.

Full translation.

RUSSIAN, per, *Zhur Obsh Khim*, Vol XXI, No 10, Oct 1951,
pp 1818-1822. CIA D 182340

Consultants Bureau, ~~1952~~

Oct 1951

USSR

Scientific - Chemistry

A-215

70
Investigations in the Field of Polymethylene Ring
Systems. XXIX. The Reactions and Reaction Pro-
ducts of Cyclic, Aliphatic and Aliphatic-Aromatic
1,3-Diketones With Hydrazine and Substituted
Hydrazines, by N. A. Dornin, Van Syul-Rin, V. A.
Cherkasova, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 9,
1957, pp 2415-2417.

Consultants Bureau

Sci - Chem
Oct 58

75,146

(DC-6524)

Overall Mechanization and Automation of Textile
Production Must Be Developed in the Future, by
A. A. Dmitriyev, 28 pp.

RUSSIAN, per, Tekstil. Prom, No 2, 1961, pp 1-7.
2

JPRS 12032

USSR
Econ
Jan 62

181, 241

X-3000

(DC-2300/2)

They Must Not be Unadapted, by Rear Adm S.
Downin, 4 pp.

RUSSIAN, np, Sovetskiy Flot, Moscow,
18 Dec 1958.

JPRS-797-D

USSR
Mil
Jul 59

91, 101

With the Shipbuilders of China, by M. Domogatskikh,
6 pp.

RUSSIAN, ^{for} Sovetskiy Flot, 12 Oct 1955.

SLA Tr R-175 Jan 1957

Sci - Engineering
Apr 1957

46,275

Virological Investigations of Rubella
(Bornholm Disease) in an Epidemic in Hungary
in 1958 and an Outbreak of Neonatal Myocarditis
by I. Domok, E. Molnar, ~~XXXX~~, E. Farkas, 7 p

RUSSIAN, per, Vopr Virusol, Vol V, No 3,
1960, pp 321-327.

SCI

Apr 61

pp
157,322

(NY-10)

Enterovirus Tests in Connection With
the 1959 Polio Epidemic in Hungary, by
Istvan Domok, Erzsébet Molnar, 22 pp.

HUNGARIAN, per, Orvosi Hetilap,
Vol CII, No 28, 9 Jul 1961, pp 1306-
1313.

JPRS 11885

Sci - Med

181,366

High-Energy Behavior of the Elastic Pion-Pion
Scattering Amplitude, by G. Domokos, 3 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLII,
No 2, 1962, pp 538-542.

AIP
Sov Phys - JETP
Vol XV, No 2

Sci
Sep 62

211,667

Investigation of a High Energy Jet, by G. Bozoki,
G. Domokos, E. Fenyves, E. Gombosi, K. Janus,
H. W. Meier, 15 pp.

GERMAN, rpt.

CIA/FOI X-3067

Sci - Nuclear Physics
Sep 58

73, 809

4112-En,

The Development of Hungarian Petroleum
Processing Plants, by Gyula Domokos, 16 pp.

UNCLASSIFIED

HUNGARIAN, per, Magyar Kemikusok Lapja, Vol
XIII, No 7, 8, 1958, pp 263-266.

US JPRS 1091-H

Index - Hungary
Econ
Jan 59

76, 261

S-5472

(DC-3082).

Some Physiological Mechanisms of the Adaptation
of an Organism to Oxygen Insufficiency, by Ye. N.
Dementovitch, 17 pp.

RUSSIAN, bk, Fiziologiya i Patologiya Dykhaniya,
Gipoksiya i Oksigenoterapiya, 1958, pp 67-74.

JPRS-L-1988-D

Sci - Med, Physiology
Feb 60

107857

62-16226

Domony, A.
CONCERNING STRUCTURE OF BARRIER LAYERS
PRODUCED ON ALUMINIUM UNDER THE INFLUENCE
OF HOT WATER (AT 80-100°C.). 27 Feb 62, 5p.

(refs. omitted)

Order from SLA \$1.10

62-16226

Trans. of Aluminium (West Germany) 1961, v. 37, no. 6,
p. 351-352.

DESCRIPTORS: *Aluminum compounds, *Hydroxides,
*Aluminum alloys, *Powder metallurgy, Transforma-
tions, Surfaces, Microstructure, Spectrographic analy-
sis, Transition temperature, *Corrosion inhibition,
Coatings, *Corrosion, Water.

(Metallurgy--Corrosion, TT, v. 9, no. 4)

1. Title: Böhmite

1. Domony, A.

C227670

Office of Technical Services

Domogy, A. and Lichtenberger-Bajza, E.
FORMATION MECHANISM AND PROPERTIES OF
PROTECTIVE LAYERS ON ALUMINUM SURFACES
FORMED UNDER VARIOUS EXTERNAL ENERGY
CONDITIONS. [1961] [16]p. (8 figs. omitted) 12 refs.
Order from SLA \$1.60 61-20746

61-20746

I. Domogy, A.
II. Lichtenberger-Bajza, E.

Trans. of Metaloberfläche (West Germany) 1961,
v. 15, no. 5, p. 134-138.

DESCRIPTORS: *Oxides *Coatings, *Surfaces,
Anodes (Electrolytic cell), Electrolytic polishing,
*Aluminum.

The various phenomena and reactions occurring on
aluminum surfaces during the formation of an oxide
layer are described. The protective layer consists of
a thin barrier layer and an oxide or hydroxide layer.
The thickness of the barrier layer is 10 Å and is
(Metallurgy--Light Metals, TT, v. 7, no. 8) (over)

Office of Technical Services

The Effect of Different Impurities on Corrosion
Resistance of Superpure Aluminium in Water at High
Temperature and High Pressure, by A. Domony, 20 pp.

GERMAN, per, Acta Tech Acad Sci Hung 21, 1958,
pp 123-139.

AEC Tr-3922

Sci - Min/Metals

Apr 60

114,739

Some Results of a Study of Structural Transformations and Properties of the Oxide Film on Aluminum Surfaces, by A. Domov, E. Lichtenberger, 12 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIII, No 9, 1960, pp 1980-1990.

CB

Sci

169,288

Sep 61

New Practical Research in the
ment of Aluminium, by A. DOMINY, E.
Lichtenberger-Bajza, P. Carlson, 14 pp.

GERMAN, per, Metalloberfläche, Vol XIII, No 3 ,
1959, pp 84-87.

4

SLA 60-14499

Sci
Aug 61

163141

OTB, Vol. III, No 12

Improvement by Boron Treatment in the Electrical Conductivity of Aluminum Containing Titanium or Vanadium, by A. Domony and K. R. Vassel, 10 pp.

FRENCH, per, Metaux Corrosion-Ind, Jan 1956, pp 18-21.

SIA 57-1776

Sci

68,022

Jul 58

Some Major Research Trends and Results in Developing
the Processing of Aluminum, by Andrew Demson, 19 pp.

HUNGARIAN, Mag., Képzési Lapok, Vol KCVI, No 6,
1968, pp 349-354.

JPRS 23164

EE-Hungary
Econ
Dec 68

243,479

Anodic Oxidation by Alternating Current and the Use of a Sulphuric Acid Electrolyte and the Application of the Process for the Permanent Protection of the Surface of Light Metal Wire, by J. Antoni, A. Domanyi, I. Kurovsky, 7 pp.

GERMAN, per, Aluminium, No 12, Dec 1952, pp 268-270.

S. L. A. 20,403

Scientific - Min/Metals

Dec 54 CTS/DEX

The Culture of Plague Bacilli on Synthetic Media, by
I. V. Domoradskiy, V. A. Ivanov, 5 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiol i Immunobiol
Vol XXVIII, No 2, 1957, pp 54-58.

Pergamon Inst

Sci - Med
Jan 59

79,164

A New Circuit for Stabilizing the Rotating Speed of
the Driving Motor of a Teletype Apparatus, by O. A.
Domoratskiy.

RUSSIAN, per, Elektrosvyaz, No 12, 1958, pp 65-71.

Pergamon Press

Sci

Mar 60

111,388

Reciprocal System of Thiocyanates and Chlorides
of Sodium and Potassium, by A. P. Gparina,
15 pp, N. S. Smorodskaya.

RUSSIAN, per, Khim Neorgan. Khim, Vol XII,
No 2, 1958, pp 413-424.

ABC 2r-4430
FL-480

Sci
May 62
FBI 372

195,280

Mathematical Cases and Problems, by Aleksandr
Petrovich Domoryad, 298pp
MOSKVA, per. Matematicheskii Izv. i Razresheniya
1961, 1961, 266pp
MOSKVA

Aleksandr Petrovich
Domoryad

Sci - Math
July 67

330,856

140
Inelastic Phenomena in Amorphous Selenium,
by I. A. Domoryad, et al,
RUSSIAN, per. Izv Ak Nauk SSR Uk, Ser Fiz
Mat Nauk, No 3, 1964, pp 61-66.
ATB RJ-4710

I. A. Domoryad

Sci-Phys
Jul 67

329,139

Changes in Elastic Constants of Quartz Fibers
Under the Action of Gamma Radiation From Co^{60} ,
by S. V. Starodubtsev, L. P. Khiznichenko, I. A.
Dorokhov. UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 4,
1960, pp 803-805.

Navy 2628/NPL 813

Sci - Physics
Nov 60

133,778

On the High Temperature Strength and Hot
Hardness of Alloys in the System Nickel-
Chromium, by N. T. Donotenko, I. I.
Kornilov.

RUSSIAN, per, Iz ~~NAUK~~ Ak Nauk SSSR,
Otdel Tekh Nauk, No 10, 1957, pp 36-40.

CSIRO

Sci - Min/Met

191, 727

Apr 62

On the Question of the Basic Types of "Composition-
Creep Strength" Diagram for Metal Systems, by
I. I. Kornilov, N. T. Donotenko, 5 pp.

RUSSIAN, per, Fiz Met i Metalloved, Vol VII,
No 3, 1959, pp 372-377.

Pergamon Press

Sci

Jul 60

120,382

The Effect of Atomic Concentrations of Chromium,
Molybdenum and Tungsten on the Properties of Nickel
Solid Solutions, by I. I. Kurnilov, N. T. Donotenko,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 2, 1958,
pp 311-313.

Consultants Bureau

Sci - Chem

Jun 59

88,781